

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	3	S6 not S2	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/05 17:26
S9	24	S8 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("365"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/05 17:37
S28	8	(S26 or S27) and (sin or (silicon adj nitride))	US-PGPUB; USPAT	OR	ON	2006/07/06 11:50
S30	5	(S26 or S27) and ((si or silicon) with (concentration or grade or grading or gradient or graded))	US-PGPUB; USPAT	OR	ON	2006/07/06 11:53
S31	5	(S26 or S27) and ((si or silicon) with (concentration or grade or grading or gradient or graded))	US-PGPUB; USPAT	OR	ON	2006/07/06 11:54
S29	1	(S26 or S27) and ((sin or (silicon adj nitride)) with (concentration or grade or grading or gradient or graded))	US-PGPUB; USPAT	OR	ON	2006/07/06 11:55
S33	0	(S26 or S27) and ((sin or (silicon adj nitride)) near (grade or grading or gradient or graded))	US-PGPUB; USPAT	OR	ON	2006/07/06 11:55
S43	1	S42 and S38	US-PGPUB; USPAT	OR	ON	2006/07/06 12:13
S45	8	(sin or (silicon adj nitride)) and S42	US-PGPUB; USPAT	OR	ON	2006/07/06 12:13
S48	43	((silicon adj nitride) or sin) near2 (grade or grading or gradient or graded))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 15:55
S40	19	(sin or (silicon adj nitride)) and S39	US-PGPUB; USPAT	OR	ON	2006/07/06 17:20
S55	0	(S53 or S54) and ((sin or (silicon adj nitride)) near (grade or grading or gradient or graded))	US-PGPUB; USPAT	OR	ON	2006/07/06 17:20
S60	0	S59 not (semiconductor adj grade (si or silicon))	US-PGPUB; USPAT	OR	ON	2006/07/06 17:21
S59	33	S57 not S58	US-PGPUB; USPAT	OR	ON	2006/07/06 17:21
S61	25	S59 not (semiconductor adj grade adj (si or silicon))	US-PGPUB; USPAT	OR	ON	2006/07/06 18:31
S11	21	S10 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("365"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/06 18:32
S71	11	S70 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/06 18:37
S74	5	S73 not S71	US-PGPUB; USPAT	OR	ON	2006/07/06 18:41
S76	1	((((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with second) and S75	US-PGPUB; USPAT	OR	ON	2006/07/06 18:41
S73	16	S72 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/06 18:47
S44	8	(sin or (silicon adj nitride)) and S42	US-PGPUB; USPAT	OR	ON	2006/07/06 18:47
S82	14	S81 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/06 19:33
S81	42	S80 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("365"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/06 19:33

## EAST Search History

S96	35	( ((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with (graded or grading or gradient) with ((silicon adj nitride) or sin or nitride))	US-PGPUB; USPAT	OR	ON	2006/07/06 19:52
S98	4	S97 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/06 19:53
S97	15	S96 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("365"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/06 19:53
S103	5	S102 not S95	US-PGPUB; USPAT	OR	ON	2006/07/06 19:53
S83	9	(sin or (silicon adj nitride)) and S82	US-PGPUB; USPAT	OR	ON	2006/07/07 16:05
S107	24	(sin or (silicon adj nitride)) and S106	US-PGPUB; USPAT	OR	ON	2006/07/07 16:05
S113	7	S108 not S112	US-PGPUB; USPAT	OR	ON	2006/07/07 16:07
S115	7	S114 and (@pd<"19980408")	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:33
S114	19	( (((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with (increase or increasing or increased or greater or "more") with ((silicon adj nitride) or sin or nitride))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:37
S116	0	( (((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with (graded or gradient or grading) with ((silicon adj nitride) or sin or nitride))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 16:38
S119	2	S118 not S117	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 17:11
S117	6	( (((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with (increasing or increased or increase) with ((silicon adj nitride) or sin or nitride))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 17:11
S121	16	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S120	US-PGPUB; USPAT	OR	ON	2006/07/07 17:12
S112	18	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S111	US-PGPUB; USPAT	OR	ON	2006/07/07 17:12
S118	8	( (((si or silicon) adj rich) or silicon\$1rich or si\$1rich) with (increasing or increased or increase) with ((silicon adj nitride) or sin or nitride))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 17:12
S122	16	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile or sonos ) and S120	US-PGPUB; USPAT	OR	ON	2006/07/07 17:51
S124	11	(floating adj gate ) and S120	US-PGPUB; USPAT	OR	ON	2006/07/07 17:51
S126	0	S125 not S123	US-PGPUB; USPAT	OR	ON	2006/07/07 17:52
S125	4	S124 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/07 17:52
S123	4	S122 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/07 17:52
S129	6	S128 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 18:57
S128	24	(sin or (silicon adj nitride)) and S127	US-PGPUB; USPAT	OR	ON	2006/07/08 18:57

## EAST Search History

S108	7	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S107	US-PGPUB; USPAT	OR	ON	2006/07/08 18:57
S135	0	S129 not (S130 or S134)	US-PGPUB; USPAT	OR	ON	2006/07/08 18:58
S134	18	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S133	US-PGPUB; USPAT	OR	ON	2006/07/08 18:58
S130	7	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S128	US-PGPUB; USPAT	OR	ON	2006/07/08 18:58
S147	3	S145 not S146	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S145	14	S144 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S141	0	S139 not S140	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S139	3	S138 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S95	18	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S94	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S146	18	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S144	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S140	9	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S138	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S102	9	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S101	US-PGPUB; USPAT	OR	ON	2006/07/08 18:59
S153	3	S151 not S152	US-PGPUB; USPAT	OR	ON	2006/07/08 19:00
S151	20	S150 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 19:00
S91	28	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S90	US-PGPUB; USPAT	OR	ON	2006/07/08 19:00
S152	28	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S150	US-PGPUB; USPAT	OR	ON	2006/07/08 19:00
S159	4	S157 not S158	US-PGPUB; USPAT	OR	ON	2006/07/08 19:01
S157	41	S156 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 19:01
S170	4	S168 not S169	US-PGPUB; USPAT	OR	ON	2006/07/08 19:03
S164	0	S161 not S162	US-PGPUB; USPAT	OR	ON	2006/07/08 19:03
S163	20	S151 not S162	US-PGPUB; USPAT	OR	ON	2006/07/08 19:03
S174	0	S172 not S173	US-PGPUB; USPAT	OR	ON	2006/07/08 19:04
S172	38	S171 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 19:04
S58	33	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) ab. and S51	US-PGPUB; USPAT	OR	ON	2006/07/08 19:04

## EAST Search History

S178	0	S177 and (floating adj gate )	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 19:05
S176	0	S175 and (floating adj gate )	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 19:05
S49	1	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S48	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 19:05
S47	23	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and S46	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 19:05
S179	38	S173 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/08 19:06
S39	33	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ).ab. and S38	US-PGPUB; USPAT	OR	ON	2006/07/08 19:06
S180	33	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ).ab. and S173	US-PGPUB; USPAT	OR	ON	2006/07/08 19:06
S183	0	S180 not S180	US-PGPUB; USPAT	OR	ON	2006/07/08 19:07
S182	0	S180 not S180	US-PGPUB; USPAT	OR	ON	2006/07/08 19:07
S184	27	S179 not S180	US-PGPUB; USPAT	OR	ON	2006/07/08 19:07
S181	27	S179 not S180	US-PGPUB; USPAT	OR	ON	2006/07/08 19:07
S175	43	((silicon adj nitride) or sin) near2 (grade or grading or gradient or graded))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/08 19:07
S185	22	((silicon adj nitride) or sin) and S184	US-PGPUB; USPAT	OR	ON	2006/07/08 19:08
S187	10	S184 and ((silicon adj nitride) or sin) same (graded or grading or grade or gradient))	US-PGPUB; USPAT	OR	ON	2006/07/08 19:12
S186	22	((silicon adj nitride) or sin) and S184	US-PGPUB; USPAT	OR	ON	2006/07/08 19:12
S188	10	S184 and ((silicon adj nitride) or sin) same (graded or grading or grade or gradient))	US-PGPUB; USPAT	OR	ON	2006/07/08 19:13
S192	9	S191 and (floating adj gate)	US-PGPUB; USPAT	OR	ON	2006/07/08 20:10
S193	3	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ).ab. and S190	US-PGPUB; USPAT	OR	ON	2006/07/08 20:10
S194	6	S192 not S193	US-PGPUB; USPAT	OR	ON	2006/07/08 20:16
S189	0	S188 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/08 20:16
S196	41	S156 and (floating adj gate)	US-PGPUB; USPAT	OR	ON	2006/07/08 20:17
S35	3	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ).ab. and S34	US-PGPUB; USPAT	OR	ON	2006/07/08 20:17
S199	1	S197 not S198	US-PGPUB; USPAT	OR	ON	2006/07/08 20:18

## EAST Search History

S195	0	S194 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/08 20:18
S198	7	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and (((second or "2nd") adj ((silicon adj nitride) or sin ) ) with concentration)	US-PGPUB; USPAT	OR	ON	2006/07/08 20:18
S22	7	(mnos monos nrom or rom or eeprom or eprom or (non adj volatile) or non\$1volatile ) and (((second or "2nd") adj ((silicon adj nitride) or sin ) ) with concentration)	US-PGPUB; USPAT	OR	ON	2006/07/08 20:18
S197	7	(floating adj gate) and (((second or "2nd") adj ((silicon adj nitride) or sin ) ) with concentration)	US-PGPUB; USPAT	OR	ON	2006/07/08 20:18
S203	5	S201 not S202	US-PGPUB; USPAT	OR	ON	2006/07/08 20:19
S200	0	S199 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/08 20:19
S201	19	(floating adj gate ) and (((silicon adj nitride) or sin ) with (graded or grading or grade))	US-PGPUB; USPAT	OR	ON	2006/07/08 20:19
S207	21	S206 not S205	US-PGPUB; USPAT	OR	ON	2006/07/08 20:20
S204	2	S203 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/08 20:20
S208	3	S147 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/08 20:20
S206	32	(floating adj gate) and ((nitride or sin ) with (stoichiometry or stoichimetric))	US-PGPUB; USPAT	OR	ON	2006/07/08 20:20
S218	24	(sin or (silicon adj nitride)) and S217	US-PGPUB; USPAT	OR	ON	2006/07/09 12:40
S220	3	S219 and (@ad<"19980408" or @rlad<"19980408")	US-PGPUB; USPAT	OR	ON	2006/07/09 12:41
S219	6	S218 and (floating adj gate )	US-PGPUB; USPAT	OR	ON	2006/07/09 12:42
S223	0	S222 not S219	US-PGPUB; USPAT	OR	ON	2006/07/09 12:44
S231	5	S225 not S230	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 12:51
S227	2	S225 not S226	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 12:53
S222	4	S218 and (flash or eprom or eeprom )	US-PGPUB; USPAT	OR	ON	2006/07/09 12:53
S237	9	S235 and (sin or (silicon adj nitride))	US-PGPUB; USPAT	OR	ON	2006/07/09 12:54
S236	9	S235 and (sin or (silicon adj nitride))	US-PGPUB; USPAT	OR	ON	2006/07/09 12:54
S232	5	S231 and (sin or (silicon adj nitride))	US-PGPUB; USPAT	OR	ON	2006/07/09 12:54
S238	9	S234 and (flash or eprom or eeprom )	US-PGPUB; USPAT	OR	ON	2006/07/09 12:57
S235	9	S234 and (flash or eprom or eeprom )	US-PGPUB; USPAT	OR	ON	2006/07/09 12:57

## EAST Search History

S24 8	27	(helm.in.) and (micron.as.) and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/09 15:02
S25 2	21	S251 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/09 15:35
S24 7	16	S246 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2006/07/09 15:35